

## CLAIMS

What is claimed is:

1. A photovoltaic attachment system comprising two or more beams attached to the walls around a roof of a building without penetration of the roof and cross beams attached to the two or more beams to form a grid wherein one or more photovoltaic panel may be mounted on the beams.
2. A photovoltaic attachment system as in claim 1, wherein the beams are made of metal.
3. A photovoltaic attachment system as in claim 1, wherein the two or more beams are parallel to each other.
4. A photovoltaic attachment system as in claim 1, wherein the beams are parallel to the roof.
5. A photovoltaic attachment system as in claim 2, wherein the two or more beams are parallel to each other.
6. A photovoltaic attachment system as in claim 5, wherein the beams are parallel to the roof.
7. A photovoltaic attachment system comprising two or more beams attached approximately perpendicularly to a beam which is affixed to the walls around a roof of a building without penetration of the roof and cross beams attached to the two or more beams to form a grid wherein one or more photovoltaic panel may be mounted on the beams.
8. A photovoltaic attachment system as in claim 7, wherein the beams are made of metal.

9. A photovoltaic attachment system as in claim 7, wherein the two or more beams are parallel to each other.

10. A photovoltaic attachment system as in claim 7, wherein the beams are parallel to the roof.

5 11. A photovoltaic attachment system as in claim 8, wherein the two or more beams are parallel to each other.

12. A photovoltaic attachment system as in claim 11, wherein the beams are parallel to the roof.

10 13. A photovoltaic attachment system comprising two or more beams attached to concrete terminals which are affixed to the walls around a roof of a building without penetration of the roof and cross beams attached to the two or more beams to form a grid wherein one or more photovoltaic panel may be mounted on the beams.

14. A photovoltaic attachment system as in claim 13, wherein the beams are made of metal.

15 15. A photovoltaic attachment system as in claim 13, wherein the two or more beams are parallel to each other.

16. A photovoltaic attachment system as in claim 13, wherein the beams are parallel to the roof.

20 17. A photovoltaic attachment system as in claim 14, wherein the two or more beams are parallel to each other.

18. A photovoltaic attachment system as in claim 17, wherein the beams are parallel to the roof.

19. A photovoltaic attachment system comprising two or more beams with one end of each beams attached approximately perpendicularly to a beam affixed to the walls around a roof of a building and the other end of each beam attached approximately perpendicularly to another beam with its two ends affixed to the walls around said roof of said building without penetration  
5 of the roof and cross beams attached to the two or more beams to form a grid wherein one or more photovoltaic panel may be mounted on the beams.

20. A photovoltaic attachment system as in claim 19, wherein the beams are made of metal.

21. A photovoltaic attachment system as in claim 19, wherein the two or more beams  
10 are parallel to each other.

22. A photovoltaic attachment system as in claim 19, wherein the beams are parallel to the roof.

23. A photovoltaic attachment system as in claim 20, wherein the two or more beams are parallel to each other.

15 24. A photovoltaic attachment system as in claim 23, wherein the beams are parallel to the roof.

25. A photovoltaic attachment system comprising two or more beams attached to concrete terminals which are affixed to the roof of a building without penetration of the roof and cross beams attached to the two or more beams to form a grid wherein one or more photovoltaic  
20 panel may be mounted on the beams.

26. A photovoltaic attachment system as in claim 25, wherein the beams are made of metal.

27. A photovoltaic attachment system as in claim 26, wherein the two or more beams are parallel to each other.

28. A photovoltaic attachment system as in claim 26, wherein the beams are parallel to the roof.

5 29. A photovoltaic attachment system as in claim 27, wherein the two or more beams are parallel to each other.

30. A photovoltaic attachment system as in claim 29, wherein the beams are parallel to the roof.